

Electro-Mechanical Technicians (17-3024)

Occupation description: Operate, test, maintain, or calibrate unmanned, automated, servo-mechanical, or electromechanical equipment. May operate unmanned submarines, aircraft, or other equipment at worksites, such as oil rigs, deep ocean exploration, or hazardous waste removal. May assist engineers in testing and designing robotics equipment.

Employment and Job Openings

	Average employment			Average annual openings		
	2010 estimate	2020 projection	Percent change	Growth	Replacement	Total
Alaska	118	129	9.3	1	2	3
United States	16,400	16,500	0.6	10	310	320

Job outlook

Alaska: Alaska's employment growth is low with low employment opportunities. [Read more.](#)

2013 Wages ?

	Mean Wage and 95% Confidence Interval			Wage by Percentile		
	Low	Mean	High	10th	Median	90th
United States	n/a	26.04	n/a	16.10	24.68	38.50

Labor Force Indicators

2012 Worker Characteristics

Total workers	Nonresident workers	Percent nonresident	Percent age 45 plus	Percent age 50 plus
78	23	29.5	60.0	47.7

2012 Potential Supply

Qualified but working in another occupation	56
Currently employed in a lower paid occupation	33
UI claimants previously working in occupation	7

2012 ALEXsys Employment Data

Number of registrants	114
Number of job position postings	17
Ratio of registrants to job position postings	6.7

Typical Entry-level Education, Experience, and/or On-the-job Training

Education: Associate degree

Work experience: None

On-the-job training: None

Training Resources

Degree

University of Alaska Anchorage, Kenai

[Industrial Proc Instrumentation](#)

AAS

Degree

University of Alaska Fairbanks, CTC

[Instrumentation Technology](#)

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